GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

STARRED QUESTION NO:283
ANSWERED ON:05.12.2007
NEW ATOMIC ENERGY RESEARCH CENTRES
Jagannath Dr. M.;Tripathy Shri Braja Kishore

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Government proposes to set up new Atomic Energy Research Centres on the Eastern Coast of the country;

(b) if so, the details in this regard;

(c) whether the Government also proposes to expand the existing Nuclear Power Plants in the country;

(d) if so, the details thereof;

(e) the details of funds allocated by the Government for the said purpose against the estimated expenditure likely to.be incurred in each of such plants; and

(f) the time by which all these projects are likely to be completed?

Answer

MINISTER OF THE STATE IN THE PRIME MINISTER`S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) to (f) A Statement is laid on the Table of the House.

GOVERNMENT OF INDIA DEPARTMENT OF ATOMIC ENERGY STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. 283 BY SHRI BRAJA KISHORE TRIPATHY AND DR.M.JAGANNATH REGARDING NEW ATOMIC ENERGY RESEARCH CENTRES FOR ANSWER ON 05.12.2007.

(a) Yes, Sir, near Visakhapatnam, Andhra Pradesh.

(b) It is a new campus of the Bhabha Atomic Research Centre (BARC), Trombay to carry out advanced R&D work in the field of Nuclear Science.

(c) Yes, Sir.

(d) Work on eight indigenous Pressurised Heavy Water Reactors (PHWRs) with a total capacity of 5600 MWe and ten Light Water Reactors (LWRs) with a total capacity of 10,000 MWe based on imports by NPCIL, one Advanced Heavy Water Reactor (AHWR) of 300 MWe by BARC and Pre project activities for future FBRs by Indira Gandhi Centre for Atomic Research (IGCAR)/Bharatiya Nabhikiya Vidyut Nigam (BHAVINI) has been proposed to be commenced in the XI Plan. The commencement of work on Nuclear Power Corporation of India Limited (NPCIL) expansion programme is linked to establishment of fuel linkages for the indigenous PHWRs and positive developments on international cooperation for imported LWRs.

(e) XI Plan proposals envisage an expenditure of Rs.23,671 crore on these projects in the Plan. Out of this, an expenditure of Rs.22,660 crore for expansion programme of NPCIL is planned to be funded through a combination of equity from reserves and surpluses of NPCIL, market borrowings and foreign credit for LWRs. The remaining expenditure of Rs 1011 crore for AHWR and Pre project activities for FBRs is proposed to be met from budgetary support.

The project wise details are (Rs. in Crore)

Expansion Programme	Outlay in XI Plan at 2006-07 prices	Proposed Outlay beyond XI Plan
KAPP3&4(7NP-1&2)	3592	4688
RAPP 7&8 (7NP-3&4)	2188	6102

7NP-5&6 535 7631

7NP-7&8 (Pre-Project in XI Plan) 153 8013

KK 3&4 (LWR-3&4) 7572 5374

JAITAPUR 1&2 (LWR-5&6) 5353 9091

KK-5&6 1468 11578

LWR-11&12 1353 13152

JAITAPUR-3&4 446 14018

AHWR 806 1058

Pre Project activities FBRs 205 -

(f) The projects, depending on the start up date, will get completed progressively in the XII and XIII Plan.